

Code No.13-0787

## SPECIFICATION

Melibiose  
for Biochemistry

REQUIREMENT	SPECIFICATION
Appearance	White, crystals ~ powder
Solubility in water	to pass test
Specific rotation $[\alpha]_{D20}(c=1, \text{dil. NH}_4\text{OH}, 18\text{hr})$ (calculated on the dried basis)	+138~+143°
Loss on drying at 100°C over phosphorus(V) oxide in vacuum	max.3.0%
Residue after ignition (as sulfate)	max.0.05%
Assay (HPLC)	min.97.0%